

WEST

Freeform Search

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
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IBM Technical Disclosure Bulletins

Term:**Display:** **Documents in Display Format:** **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search History

DATE: Tuesday, March 04, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=OR

L30 5566284.pn. 1 L30

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L29</u>	L28 and copie\$	103	<u>L29</u>
<u>L28</u>	L27 and high near3 resolution and low near3 resolution	269	<u>L28</u>
<u>L27</u>	L26 and host	2424	<u>L27</u>
<u>L26</u>	L25 and (internet or www or network)	11353	<u>L26</u>
<u>L25</u>	digital near2 image	59066	<u>L25</u>
<u>L24</u>	((((355/70)!.CCLS.))	414	<u>L24</u>
<u>L23</u>	((((355/40)!.CCLS.))	1418	<u>L23</u>
<u>L22</u>	((((355/\$)!.CCLS.))	26773	<u>L22</u>
<u>L21</u>	((((345/604)!.CCLS.))	111	<u>L21</u>
<u>L20</u>	((((345/603)!.CCLS.))	160	<u>L20</u>
<u>L19</u>	((((345/589)!.CCLS.))	659	<u>L19</u>
<u>L18</u>	((((345/428)!.CCLS.))	351	<u>L18</u>
<u>L17</u>	((((345/418)!.CCLS.))	457	<u>L17</u>
<u>L16</u>	((((345/302)!.CCLS.))	0	<u>L16</u>
<u>L15</u>	((((345/132)!.CCLS.))	0	<u>L15</u>
<u>L14</u>	((((345/\$)!.CCLS.))	50980	<u>L14</u>
<u>L13</u>	((((705/42)!.CCLS.))	210	<u>L13</u>
<u>L12</u>	((((705/33)!.CCLS.))	40	<u>L12</u>
<u>L11</u>	((((705/26)!.CCLS.))	2105	<u>L11</u>
<u>L10</u>	((((705/27)!.CCLS.))	786	<u>L10</u>
<u>L9</u>	((((705/\$)!.CCLS.))	18606	<u>L9</u>
<u>L8</u>	((((715/530)!.CCLS.))	438	<u>L8</u>
<u>L7</u>	((((715/\$)!.CCLS.))	5619	<u>L7</u>
<u>L6</u>	((((707/\$)!.CCLS.))	14532	<u>L6</u>
<u>L5</u>	((((707/530)!.CCLS.))	40	<u>L5</u>
<u>L4</u>	((((707/104.1)!.CCLS.))	2142	<u>L4</u>
<u>L3</u>	((((707/102)!.CCLS.))	1518	<u>L3</u>
<u>L2</u>	((((707/10)!.CCLS.))	2738	<u>L2</u>
<u>L1</u>	((((707/3)!.CCLS.))	2533	<u>L1</u>

END OF SEARCH HISTORY

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Print

L29: Entry 82 of 103

File: USPT

Jul 11, 2000

US-PAT-NO: 6088489

DOCUMENT-IDENTIFIER: US 6088489 A

TITLE: Image data resolution conversion

DATE-ISSUED: July 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyake; Nobutaka	Yokohama			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Canon Kabushiki Kaisha	Tokyo			JP	03

APPL-NO: 08/ 542865 [PALM]

DATE FILED: October 13, 1995

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	6-252113	October 18, 1994

INT-CL: [07] G06 K 9/32

US-CL-ISSUED: 382/299; 382/233, 382/248

US-CL-CURRENT: 382/299; 382/233, 382/248

FIELD-OF-SEARCH: 382/233, 382/250, 382/299, 382/248, 382/232, 358/433, 358/432

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4280143</u>	July 1981	Judd	358/433
<input type="checkbox"/>	<u>5229864</u>	July 1993	Moranaga et al.	358/432
<input type="checkbox"/>	<u>5253075</u>	October 1993	Sugiyama	358/433
<input type="checkbox"/>	<u>5298990</u>	March 1994	Otaka et al.	348/420
<input type="checkbox"/>	<u>5386241</u>	January 1995	Park	348/407
<input type="checkbox"/>	<u>5446498</u>	August 1995	Boon	348/448
<input type="checkbox"/>	<u>5483358</u>	January 1996	Sugiura et al.	358/508
<input type="checkbox"/>	<u>5512956</u>	April 1996	Yan	348/620
<input type="checkbox"/>	<u>5526135</u>	June 1996	Chiba	358/335
<input type="checkbox"/>	<u>5528740</u>	June 1996	Hill et al.	395/128
<input type="checkbox"/>	<u>5566003</u>	October 1996	Hara et al.	358/448
<input type="checkbox"/>	<u>5566284</u>	October 1996	Wakayama	395/130

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
4229382	August 1992	JP	
4333989	November 1992	JP	

ART-UNIT: 273

PRIMARY-EXAMINER: Couso; Yon J.

ABSTRACT:

An image processing system has a first apparatus and a second apparatus the resolutions of which differ from each Other. The first apparatus includes an input unit for inputting image data, a smoothing unit for smoothing the image data and a coding unit for coding the image data outputted by the smoothing unit. The second apparatus includes a decoding unit for decoding the encoded image data outputted by the encoding unit, a converting unit for converting resolution of the image data outputted by the decoding unit, and a correcting unit for correcting processing which the smoothing unit applies to the image data outputted by the converting unit. An image processing apparatus for processing image data coded and transmitted to the apparatus after being smoothed includes a decoding unit for decoding the coded image data, a converting unit for converting resolution of the image data outputted by the decoding unit, and a correcting unit for correcting processing which the smoothing unit applies to the image data outputted by the converting unit.

35 Claims, 23 Drawing figures

WEST

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L29: Entry 88 of 103

File: USPT

Mar 16, 1999

US-PAT-NO: RE36145

DOCUMENT-IDENTIFIER: US RE36145 E

TITLE: System for managing tiled images using multiple resolutions

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeAguiar; John R.	Sebastopol	CA		
Larkin; Ross M.	Rolling Hills	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Optigraphics Corporation	San Diego	CA			02

APPL-NO: 08/ 559027 [PALM]

DATE FILED: November 16, 1995

REISSUE-DATA:

US-PAT-NO	DATE-ISSUED	APPL-NO	DATE-FILED
05263136	November 16, 1993	694416	April 30, 1991

INT-CL: [06] G06 F 13/00

US-CL-ISSUED: 345/511; 345/501, 395/200.3, 382/232

US-CL-CURRENT: 345/538; 345/501, 345/555, 382/232, 709/200

FIELD-OF-SEARCH: 395/128, 395/139, 395/114, 395/501, 395/502, 395/507, 395/508, 395/511, 395/200.01, 395/200.02, 395/200.3, 395/200.31, 345/189, 345/201, 345/190, 345/202, 345/428, 345/439, 345/501, 345/502, 345/507, 345/508, 345/511, 345/509, 382/232, 382/244, 382/248, 382/240, 382/238

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	Re31200	April 1983	Sukonick et al.	395/162
<input type="checkbox"/>	4878183	October 1989	Ewart	395/128
<input type="checkbox"/>	4920504	April 1990	Sawada et al.	395/166
<input type="checkbox"/>	4951230	August 1990	Dalrymple et al.	395/166
<input type="checkbox"/>	4969204	November 1990	Melnychuck et al.	382/240
<input type="checkbox"/>	5020003	May 1991	Moshenberg	395/164
<input type="checkbox"/>	5138459	August 1992	Roberts et al.	348/232
<input type="checkbox"/>	5150462	September 1992	Takeda et al.	395/166
<input type="checkbox"/>	5568570	October 1996	Rabbani	382/238

OTHER PUBLICATIONS

"Addressss Generation and memory management for memory centered image processing systems" by Reader et al, pp. 88-96, Proceedings of SPIE-The International Society for Optical Engineering, V757, Methods of Handling and Processing Imagery, Jan. 15-Jan 16, 1987.

ART-UNIT: 273

PRIMARY-EXAMINER: Tung; Kee M.

ABSTRACT:

An image memory management system for tiled images. The system defines an address space for a virtual memory that includes an image data cache and a disk. An image stack for each source image is stored as a full resolution image and a set of lower-resolution subimages. Each tile of an image may exist in one or more of five different states as follows: uncompressed and resident in the image data cache, compressed and resident in the image data cache, uncompressed and resident on disk, compressed and resident on disk and not loaded but re-creatable using data from higher-resolution image tiles.

39 Claims, 46 Drawing figures